



The Melo Cylinder would greatly create possibilities in the whole commercial area. Multiple sizes, beam options , and high visual comfort COB LED. It is now available in pendant and surface mount configurations which offers a beautiful and achitectual cylinder solutions.

TECHNICAL DATA

Wattage

4 inch	25W/18W/12W
6 inch	40W/30W/20W
8 inch	58W/44W/29W

Beam Angle	15°, 24°, 36°, 60°
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CRI

Standard	80
Optional	90+

CCT	2700K, 3000K, 3500K, 4000K
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Driver

Standard	0-10V Dimming, dim to 10%
Optional	0-10V Dimming, dim to 1%
Optional	TRIAC Dimming

Input Voltage	120-277V, 50/60Hz
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Operating Temp.	-4°F to 77°F (-20°C to 25°C)
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Certifications	cULus conforms to UL Std. 1598
	Cert. to CSA Std. C22.2 No.250.0
	Suitable for damp locations
	RoHS compliant

Power Factor	>0.9 at full load
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Harmonic Distortion	<20% at full load
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Projected Lifetime	L70 - 100,000 Hours
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FEATURES

- **Optical Performance:** COB LED chip with a standard CRI of 80+ and an optional high CRI of 90+, offering a selection of beam angles including 15°, 24°, 36°, and 60°.
- **Mounting Options:** Modular design with pendant or surface mounting.

CANOPY OPTIONS

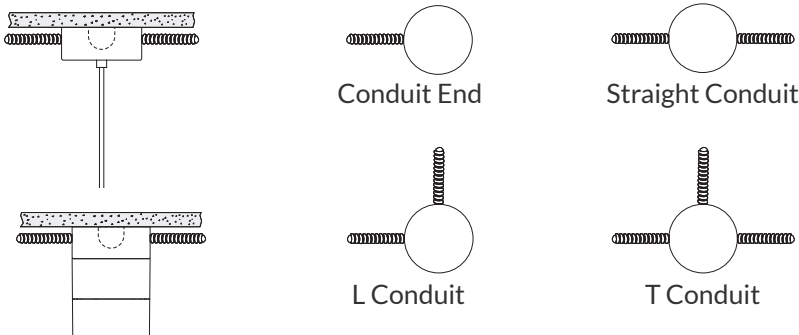
Flat Canopy For Recessed J-box

If J-box is recessed (3" octagon, 4" octagon and 4" round), a 4.5" flat canopy is provided for mounting to recessed junction box in white or black powder coat painted finish.

Conduit Deep Canopy For Surface Mount J-box

If standard 4" octagonal J-box is surface mounted, a Ø5.97" round x 2.38" deep canopy with conduit cutout is provided for mounting. Conduit cutout canopy has 4 key slots, one in each side, and can be configured to accommodate any ceiling layout using 1/2" or 3/8" conduit. Conduit cutout canopy is provided white and black powder coat painted finish.

Conduit Mounting Example



MOUNTING

Cable Pendant Mount

White/black cable is provided in length specified (4' standard). Installers can cut the cable in the field to desired length.

Notes:

1. For 4", the cable and aircraft cable is combined in one pipe.
2. For 6" and 8", the cable and aircraft cable are separated.

Stem Pendant Mount

Ø12/25" steel stem is provided in length specified (4' standard) and is provided in white or black finish.

Swivel design suitable for a sloped ceiling.

Surface Mount

Surface mount to rerecessed or surface mounted junction box.

MOUNTING

For Recessed J-box



Cable Pendant
4"



Cable Pendant
6" / 8"



Stem Pendant
Tilt up to 30°
4" / 6" / 8"

For Surface Mount J-box



Cable Pendant
4"



Cable Pendant
6" / 8"



Stem Pendant
Tilt up to 30°
4" / 6" / 8"



Surface Mount
4" / 6" / 8"



4" Surface Mount



6" Surface Mount



8" Surface Mount

EMERGENCY OPTIONS

Optional high voltage 8W emergency LED driver EM-H08170-LBF can be provided. When AC power fails, it immediately switches to the emergency mode, operating for lighting up to 120 minutes. When AC power is restored, it automatically returns to the charging mode which meets critical life-safety lighting requirements.

For more info or spec sheet, please visit our website or contact sales.

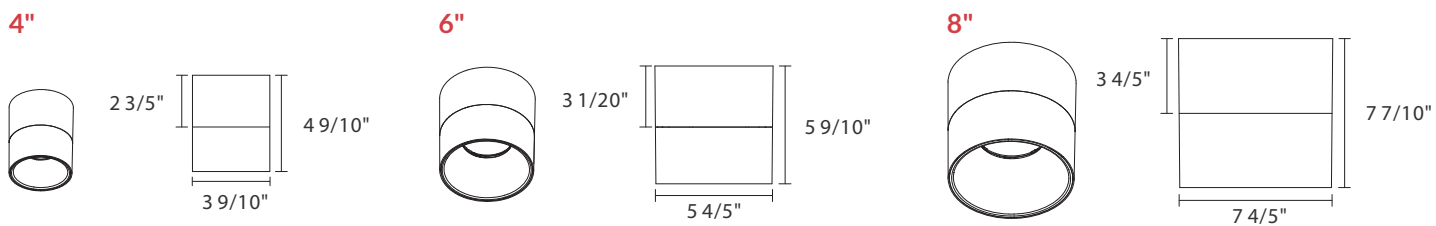
Emergency Lumen Output:

Fixture Efficacy	Output Power 8w
80lm/W	640 Lumens

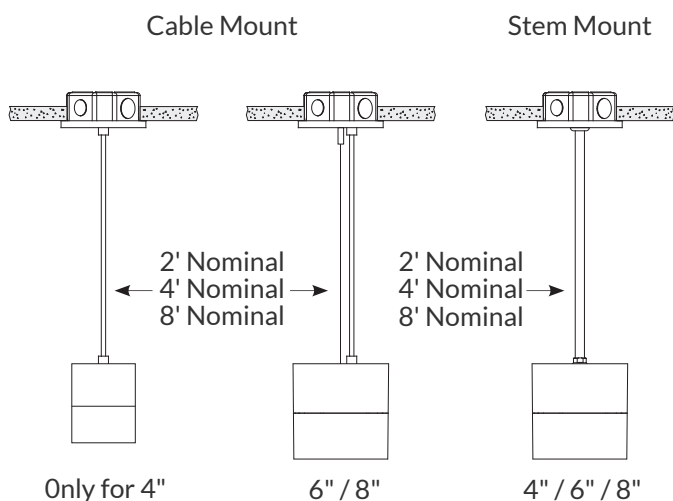
Canopy With Indicator



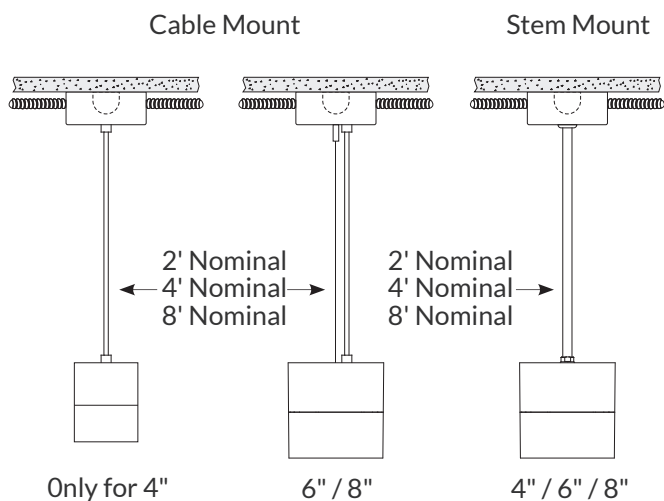
DIMENSIONS



For use with recessed J-boxes



For use with surface mounted J-boxes



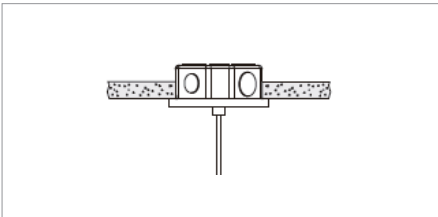
ORDERING INFORMATION

EXAMPLE: MELO04R-SP30901-10D-36-WH-WH

MELO					
1. Series	2. Size	3. Shape	4. Power	5. CCT	6. CRI
MELO	04 4 inch 06 6 inch 08 8 inch	R Round	SP Wattage Selectable 25W/18W/12W for 4inch 40W/30W/20W for 6inch 58W/44W/29W for 8inch <i>*Static wattages available.</i>	27 2700K 30 3000K 35 3500K 40 4000K	80 80+ CRI (Standard) 90 90+ CRI (Optional)
7. Voltage	8. Dimming	9. Installation	10. Beam Angle	11. Baffle	12. Finish
1 120-277V	10D Standard 0-10V Dimming, dim to 10% 01D Optional 0-10V Dimming, dim to 1% TRD Optional TRIAC Dimming	Blank Surface mount for recessed junction box <i>*Surface mount for recessed junction box is standard. Please choose the desired installation accessories from the following accessory list for other installations.</i>	15 15° 24 24° 36 36° 60 60°	WH White BK Black GD Golden CM Chrome 	WH White BK Black <i>*White and black finish are standard. Custom color is available for a premium setup fee. Consult customer service for additional information.</i>

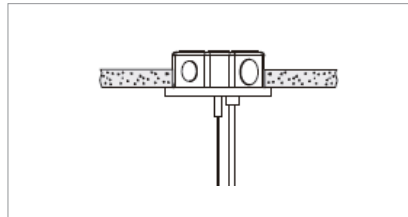
ACCESSORIES (ORDERED SEPARATELY AND FIELD INSTALLED)

For Recessed Junction Box



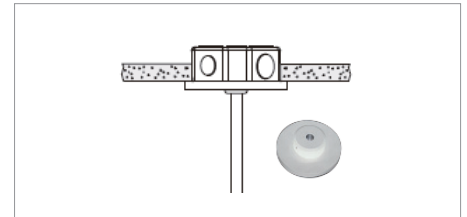
MELO-PMK-AC-RM-4-4FT-WH

Aircraft cable mount for 4" MELO, 4ft long cable, white (recessed junction box).



MELO-PMK-AC-RM-6/8-4FT-WH

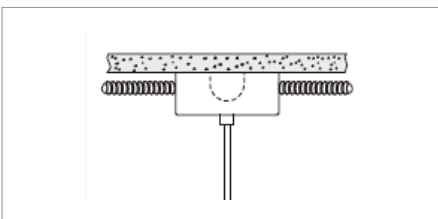
Aircraft cable mount for 6" and 8" MELO, 4ft long cable, white (recessed junction box).



MELO-PMK-RS-RM-4/6/8-4FT-WH

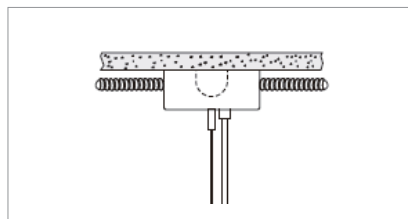
Rigid stem mount for 4"/6"/8" MELO, 4ft long stem, white (recessed junction box).

For Surface Mounted Junction Box



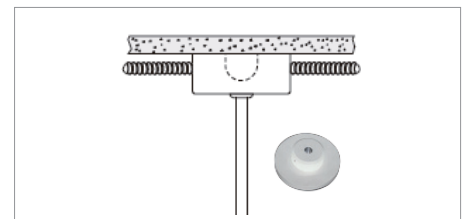
MELO-PMK-AC-SM-4-4FT-WH

Aircraft cable mount for 4" MELO, 4ft long cable, white (surface mounted junction box).



MELO-PMK-AC-SM-6/8-4FT-WH

Aircraft cable mount for 6" and 8" MELO, 4ft long cable, white (surface mounted junction box).



MELO-PMK-RS-SM-4/6/8-4FT-WH

Rigid stem mount for 4"/6"/8" MELO, 4ft long stem, white (surface mounted junction box).



MELO-SMK-SM-SM-4/6/8-WH

Surface mount for 4"/6"/8" MELO, white (surface mounted junction box).

ACCESSORIES (ORDERED SEPARATELY AND FIELD INSTALLED)



EBU-H08170

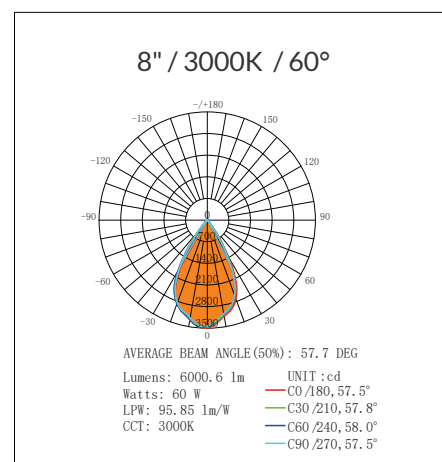
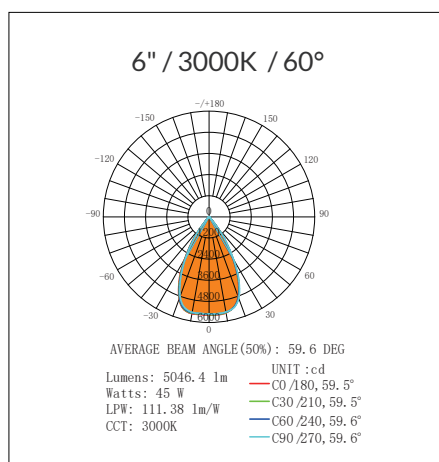
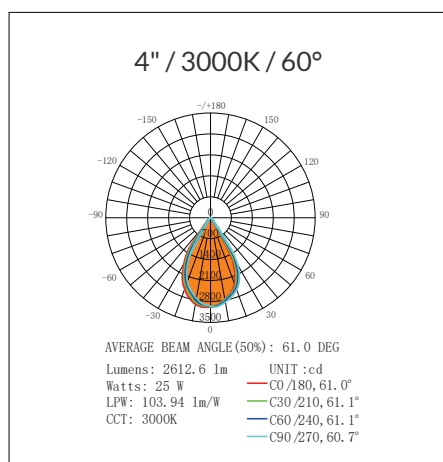
8W Emergency Battery Back-up (ordered separately and field installed).

NOTE:

- Emergency battery back-up is for ambient temperatures of 32°F -77°F (0 °C -25°C).

PHOTOMETRY

All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory. IESNA LM-79-08 specifies the entire luminaire as the source resulting in a fixture efficiency of 100%. Results may vary per actual order.



PERFORMANCE DATA

Lumen values are measured by third party certified laboratories performed in accordance with IESNA LM-79-08 as well as Lighting Facts listed.

Diameters	4inch/6inch/8inch
Wattage	25W/18W/12W for 4inch 40W/30W/20W for 6inch 58W/44W/29W for 8inch
Voltage	120-277V
Lumen @3000K	2600lm@25W 4200lm@40W 6000lm@58W
Installation	Pendant / Surface Mount
Controls (Optional)	Emergency Battery Back-up

WARRANTY

5 years limited warranty.
Specifications subject to change without notice.

Ref#: 20251104